



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Active module - UM-2KS50/32R/F/J/ADV551 - 2904937

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32-channel output relay module (one N/O contact) with a screw connection and a fuse (1 A). The voltage supply and 50-pos. system connector are designed redundantly. Suitable for Yokogawa ADV551 card.



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	290 mm
Height	127.5 mm
Depth	44 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### Input data

Nominal input voltage $U_N$	24 V DC ((SELV, PELV))
Input voltage range in reference to $U_N$	0.8 ... 1.1
Typical input current at $U_N$	9 mA (per relay)
Type of protection	Free running
Protective circuit/component	Damping diode
Type of protection	Reverse polarity protection
Protective circuit/component	Polarity protection diode
Status display/channel	Yellow LED

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### Technical data

#### Output data

Contact type	Single contact, 1 N/O contact
Contact material	Ag alloy, hard gold-plated
Maximum switching voltage	30 V DC ((SELV, PELV))
Limiting continuous current	1 A

#### General

Mounting position	any
Assembly instructions	In rows with zero spacing
Color	green
Designation	Air clearances and creepage distances, input
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, output
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (basic insulation)
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, input/output
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Degree of pollution	2
Overvoltage category	II

#### Connection data for connection 1

Connection name	Field level
Connection method	Screw connection
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

#### Connection data for connection 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible

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### Technical data

#### Connection data for connection 2

Stripping length	8 mm
Torque	0.5 Nm
Number of connections	2
Number of positions	50
Note	Usable system cables: Phoenix Contact YUC50, Yokogawa AKB331

#### Supported controller

Corresponding control	YOKOGAWA CS3000 CentumVP
Corresponding I/O card	ADV551

#### Standards and Regulations

Designation	Air clearances and creepage distances, input
Standards/regulations	DIN EN 50178
Degree of pollution	2
Overvoltage category	II
Designation	Air clearances and creepage distances, output
Standards/regulations	DIN EN 50178
Degree of pollution	2
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Designation	Air clearances and creepage distances, input/output
Standards/regulations	DIN EN 50178
Degree of pollution	2
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### Classifications

#### eCl@ss

eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

#### ETIM

ETIM 4.0	EC000196
ETIM 5.0	EC002780